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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/911,610
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(use as many sheets as necessary)		First Named Inventor	Shui-on LEUNG
		Group Art Unit	3736
		Examiner Name	Unassigned
		Attorney Docket Number	018733-1053

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
LH	A1	5,091,542		AHLEM et al.	02/25/1992	
	A2	5,256,395		BARBET et al.	10/26/1993	
	A3	5,262,524		ANDERSON et al.	11/16/1993	
	A4	5,837,242		HOLLIGER et al.	11/17/1998	
	A5	5,892,020		MEZES et al.	04/06/1999	
	A6	6,025,165		WHITLOW et al.	02/15/2000	

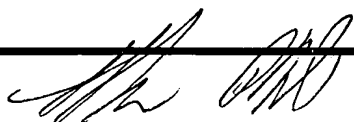
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
LH	A7	WO	94/09131	A1	SCOTGEN LIMITED	04/28/1994		
	A8	WO	99/37791	A1	SCHOONJANS et al.	07/29/1999		
	A9	WO	00/06605	A2	KUFER et al.	02/10/2000		
	A10	WO	02/02781	A1	MERTENS et al.	01/10/2002		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LH	A11	SCHOONJANS et al., "Efficient Heterodimerization of Recombinant bi- and Trispecific Antibodies," <u>Bioseparation</u> , Kluwer Academic Publishers, Vol. 9, No. 3, 2000, pp. 179-183, XP-001012944.	
	A12	SCHOONJANS et al., "Fab Chains as an Efficient Heterodimerization Scaffold for the Production of Recombinant Bispecific and Trispecific Antibody Derivatives," <u>Journal of Immunology</u> , The American Association of Immunologists, Vol. 165, No. 12, December 15, 2000, pp. 7050-7057, XP-002207879.	
	A13	SCHOONJANS et al., "A New Model for Intermediate Molecular Weight Recombinant Bispecific and Trispecific Antibodies by Efficient Heterodimerization of Single Chain Variable Domains Through Fusion to a Fab-Chain," <u>Biomolecular Engineering</u> , Elsevier, Vol. 17, No. 6, June 2001, pp. 193-202, XP-002207880.	
	A14	ZUO et al., "An Efficient Route to the Production of an IgG-Like Bispecific Antibody," <u>Protein Engineering</u> , Oxford University Press, Vol. 13, No. 5, May 2000, pp. 361-367, XP-002207881.	
	A15	MULLER et al., "The First Constant Domain (C _H 1 and C _L) of an Antibody Used as Heterodimerization Domain for Bispecific Miniantibodies," <u>FEBS Letters</u> , Elsevier Science Publishers, Vol. 422, No. 2, January 30, 1998, pp. 259-264, XP-002135067.	
	A16	KORTT et al., "Single-Chain Fv Fragments of Anti-Neuraminidase Antibody NC10 Containing Five- and Ten-Residue Linkers Form Dimers and With Zero-Residue Linker a Trimer," <u>Protein Engineering</u> , Oxford University Press, Vol. 10, No. 4, 1997, pp. 423-433.	
	A17	LANSDORP et al., "Cyclic Tetramolecular Complexes of Monoclonal Antibodies: A New Type of Cross-Linking Reagent," <u>Eur. J. Immunol.</u> , VCH, Vol. 16, 1986, pp. 679-683.	

Examiner Signature



Date Considered

7/29/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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